



SEQUENCE LISTING

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<120> CHIMERIC ANTIBODY FUSION PROTEINS FOR THE RECRUITMENT  
AND STIMULATION OF AN ANTITUMOR IMMUNE RESPONSE

<130> 176/60197

<140> 09/016,743

<141> 1998-01-30

<150> 60/037,256

<151> 1997-01-31

<150> 60/064,018

<151> 1997-11-03

<160> 14

<170> PatentIn Ver. 2.1

<210> 1

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 1

ggcataagct tgatatctga agccatgggc

30

<210> 2

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 2

gcgcggttaa ccgttatcag gaaaatgc

28

<210> 3  
<211> 39  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 3  
ggggatatcc accatggrat gsagctgkgt matsctctt

39

<210> 4  
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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 4  
gactgggtca tctggatgtc ggagtggaca cctgtggag

39

<210> 5  
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<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 5  
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38

<210> 6  
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<220>

<223> Description of Artificial Sequence: Primer

<400> 6  
gcttgtcgac ttacgtttga tctccacctt gg

32

<210> 7  
<211> 39  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Primer

<400> 7  
gactccacca gctgaacctc ggagtggaca cctgtggag

39

<210> 8  
<211> 38  
<212> DNA  
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<223> Description of Artificial Sequence: Primer

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ctccacaggt gtccactccg aggttcagct ggtggagt

38

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<212> DNA  
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<223> Description of Artificial Sequence: Primer

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ttggtgctag ccgaggagac ggtgaccag

29

<210> 10  
<211> 27  
<212> DNA  
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<223> Description of Artificial Sequence: Primer

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27

<210> 11  
<211> 60  
<212> DNA  
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Fusion  
construct = human B7.1 extracellular domain +  
(Ser-Gly4)3 flexible linker + heavy chain variable  
sequences of the her2.IgG3 antibody

<400> 11

aacgcctctg gtggcggtgg ctcgggcgga ggtgggtcgg gtggcggcgg atccgaggtt 60

<210> 12  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Deduced amino  
acid sequence for fusion construct = human B7.1  
extracellular domain + (Ser-Gly4)3 flexible linker  
+ her2.IgG3 antibody heavy chain variable  
sequences

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Asn Ala Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly  
1 5 10 15

Gly Ser Glu Val  
20

<210> 13  
<211> 66  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Fusion  
construct = human RANTES + (Ser-Gly4)3 flexible  
linker + heavy chain variable sequences of  
her2.IgG3 antibody

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atgacgggtt cctctggtgg cggtaggctcg ggcggaggtg ggtcgggtgg cggcggatcc 60  
gaggtt 66

<210> 14

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Deduced amino  
acid sequence for fusion construct = human RANTES  
sequence + (Ser-Gly<sub>4</sub>)<sub>3</sub> flexible linker + heavy  
chain variable sequences of her2.IgG3 antibody

<400> 14

Met Ser Gly Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly  
1 5 10 15

Gly Gly Gly Ser Glu Val  
20